

PROJECT LEGEND

- SS — EXISTING SANITARY SEWER
- W — EXISTING WATER LINE
- ⊙ EXISTING SEWER MANHOLE
- ⊙ EXISTING FIRE HYDRANT
- ⊙ EXISTING FIRE HYDRANT
- ⊙ EXISTING GATE VALVE
- ⊙ EXISTING WATER VALVE
- EXISTING ASPHALT TO REMAIN
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED LANDSCAPING
- PROPOSED GRAVEL

UTILITY INFORMATION

UTILITY STATEMENT:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION AND RESTORATION OF ALL BURIED OR ABOVE GROUND UTILITIES, SHOWN OR NOT SHOWN ON THE PLANS.
(BLUE STAKES 1-800-662-4111)

UTILITY CONTACTS:

- | | |
|--|---|
| ROCKY MOUNTAIN POWER
KENDALL CRIPPS
2217 KITTYHAWK DRIVE
CEDAR CITY, UTAH 84720
(435) 865-3380 | QUESTAR GAS
JIM MCPHIE
946 PRODUCTION ROAD
CEDAR CITY, UTAH 84720
(435) 865-6255 |
| QWEST
TIM SQUIRES
CEDAR CITY OFFICE
(435) 586-2470 | BRESNAN CABLEVISION
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(435) 586-8334 |
| CITY STREETS
SANDY WEBB
(435) 586-2967 | CITY SEWER
DARRELL OLMSTED
(435) 867-9426 |
| CITY WATER
ROB MITCHELL
(435) 586-2968 | CITY ENGINEERING
KIT WAREHAM
(435) 865-5119 |

GENERAL NOTES

- UTILITY LOCATIONS MUST BE VERIFIED IN THE FIELD BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION, PROTECTION AND RESTORATION OF ALL BURIED OR ABOVE GROUND UTILITIES, SHOWN OR NOT SHOWN ON THE PLANS. THE CONTRACTOR MUST CALL BLUE STAKES PRIOR TO ANY EXCAVATION. (BLUE STAKES 1-800-662-4111)
- THE GROUND SURFACE SURROUNDING THE EXTERIOR OF THE BUILDINGS SHOULD BE SLOPED TO DRAIN AWAY IN ALL DIRECTIONS. A MINIMUM SLOPE OF 6" IN THE FIRST 10' IS RECOMMENDED.
- ALL IMPROVEMENTS MUST BE BUILT TO DFCM SPECIFICATIONS AND STANDARDS. ALL CONSTRUCTION SHALL BE INSTALLED AND TESTED IN ACCORDANCE WITH STANDARDS AND SPECIFICATIONS AND ALL APPLICABLE CODES.
- DIMENSIONS TAKE PRECEDENCE OVER SCALING, ANY DISCREPANCIES SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- EXCAVATION, RETAINING WALLS, AND PAVEMENT SHOULD FOLLOW THE RECOMMENDATIONS OF THE SOILS REPORT BY GEM ENGINEERING.
- THIS PROJECT IS ZONED R-3.
- THIS PROJECT IS LOCATED IN FLOOD ZONE C PER FEMA MAP 490074 0002B DATED OCT. 16, 1984.
- THIS PROJECT IS LOCATED IN THE AIRPORT INFLUENCE ZONE.

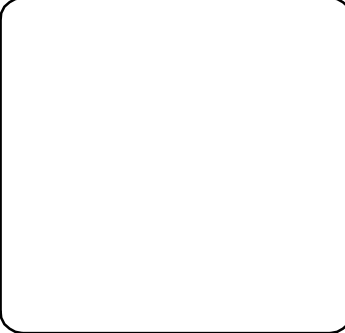
SHEET INDEX

PARKING TYPE	PARKING PROVIDED	SHT.	DESCRIPTION
REGULAR PARKING	89	C1	COVER SHEET
HANDICAP PARKING (2 VAN ACCESSIBLE)	4	C2	DEMOLITION PLAN
TOTAL	93	C3	SITE UTILITY PLAN
		C4	SITE GRADING PLAN
		C5	IRRIGATION LAYOUT
		C6	DETAIL SHEET

ALL EXISTING UTILITY LOCATIONS MUST BE FIELD VERIFIED PRIOR TO CONSTRUCTION.

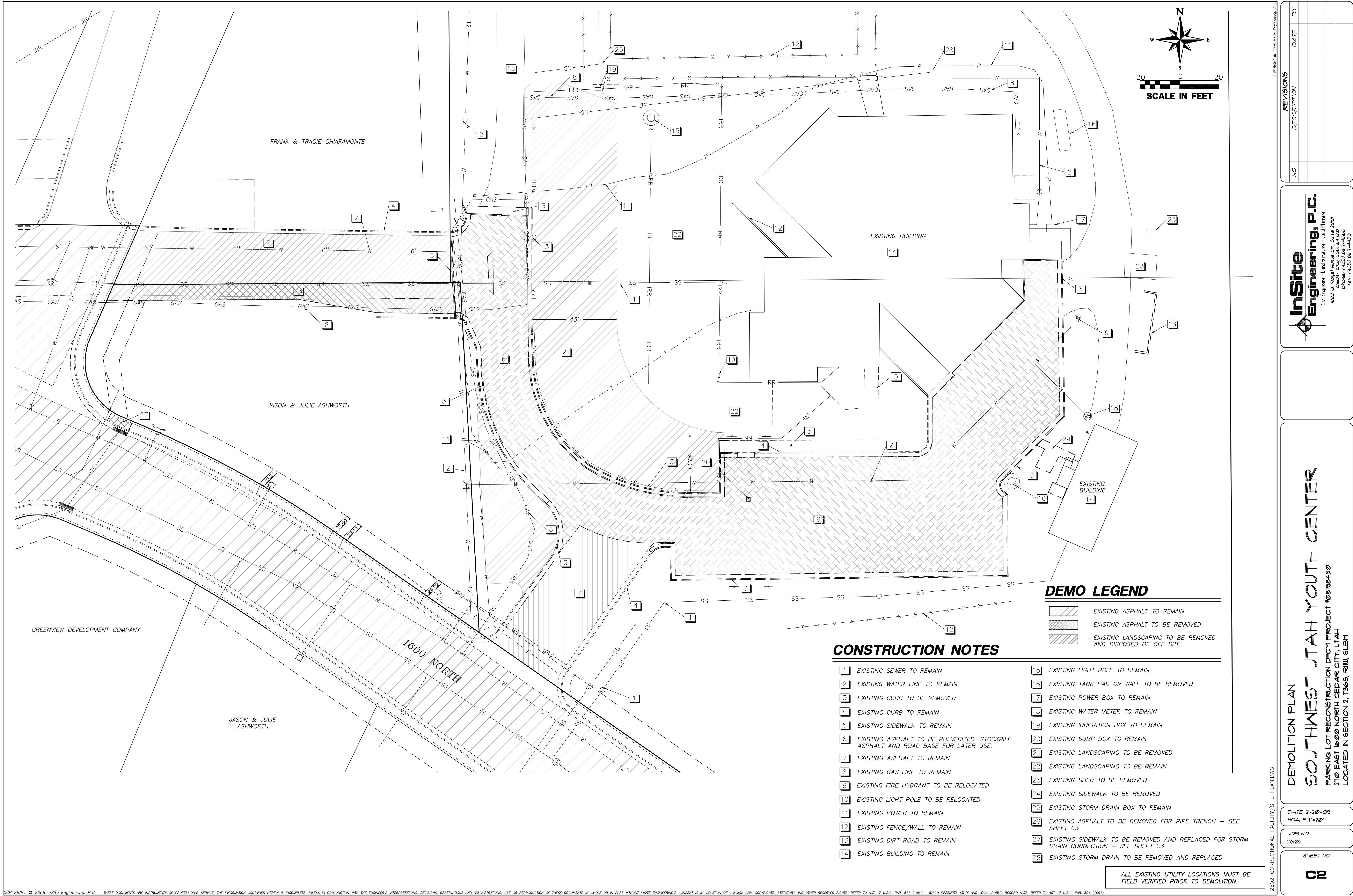
NO.	REVISIONS	DESCRIPTION	DATE	BY

InSite Engineering, P.C.
Civil Engineers - Land Surveyors - Land Planners
1893 W. Royal Hunt Dr., Suite 200
Cedar City, Utah 84720
Phone: (435) 867-4499



COVER SHEET & SITE DIMENSION PLAN
SOUTHWEST UTAH YOUTH CENTER
PARKING LOT RECONSTRUCTION DFCM PROJECT #08198430
270 EAST 1600 NORTH CEDAR CITY, UTAH
LOCATED IN SECTION 2, T36S, R11W, S1E1

DATE: 2-20-09 SCALE: 1"=10'	JOB NO. 2802	SHEET NO. C1
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CONSTRUCTION NOTES

- 1

EXISTING SEWER TO REMAIN
- 2

EXISTING WATER LINE TO REMAIN
- 3

REPLACE EXISTING STORM DRAIN MANHOLE WITH 2'X2' INLET WITH GRATE
- 4

NEW LOCATION OF EXISTING LIGHT POLE WITH NEW BASE. PROVIDE CONDUIT & WIRING FROM PANEL TO LIGHT POLE AS REQUIRED
- 5

EXISTING SIDEWALK TO REMAIN
- 6

EXISTING FIRE HYDRANT TO BE RELOCATED - VALVE TO REMAIN- RAISE VALVE TO GRADE- EXTEND 6" FIRE LINE TO NEW FIRE HYDRANT LOCATION
- 7

NEW LOCATION OF EXISTING FIRE HYDRANT
- 8

PROPOSED 8" CURB TO TRANSITION TO EX. DIRT ROAD OR GRAVEL - SEE DETAIL
- 9

EXISTING CURB TO REMAIN
- 10

PROPOSED 30" CURB & GUTTER PER DETAIL ON SHEET C6
- 11

GRADE EXISTING DIRT ROAD TO MATCH NEW PAVEMENT
- 12

PROPOSED MUFFIN MONSTER GRINDER AND VAULT - SEE DETAIL ON SHEET C6
- 13

REPAIR IRRIGATION AND LANDSCAPING DISTURBED BY CONSTRUCTION
- 14

PROPOSED SEWER CLEANOUT
- 15

EXISTING SUMP TO REMAIN - CORE DRILL AND GROUT NEW STORM DRAIN PIPE
- 16

PROPOSED DOUBLE INLET BOX
- 17

PROPOSED 2'X2' STORM DRAIN BOX
- 18

TIE TO EXISTING STORM DRAIN BOX - GROUT CONNECTION PER CEDAR CITY REQUIREMENTS
- 19

PROPOSED STRIPING
- 20

PROPOSED 3" ASPHALT PER SOILS REPORT 8" ROAD BASE PER SOILS REPORT 24" OVER EX. AND RECOMPACT IN NEW PAVEMENT AREAS AND AS REQUIRED.
NOTE: PULVERIZED ASPHALT & EX. ROAD BASE MAY BE USED AS ROAD BASE BUT MUST BE PLACED IN SINGLE LAYERS. DO NOT MIX PULVERIZED ASPHALT OR EX. ROAD BASE WITH NEW ROAD BASE PER GEM ENGINEERING.
- 21

12" STORM DRAIN PIPE
- 22

(2) 4" IRRIGATION SLEEVES
- 23

REMOVE EXISTING BERM
- 24

PROPOSED DRAIN LINE FROM SEWER VAULT - TIE BACK INTO SEWER LATERAL. FIELD VERIFY SLOPE. MIN. 2% SLOPE.
- 25

EXISTING ASPHALT TO BE REMOVED FOR PIPE TRENCH
- 26

EXISTING SIDEWALK TO BE REMOVED AND REPLACED PER CEDAR CITY STANDARDS
- 27

PROPOSED 6' SIDEWALK
- 28

PROPOSED 6"Ø CONCRETE FILLED PIPE BOLLARDS
- 29

PROPOSED CONCRETE SLAB TO MATCH EXISTING EQUIPMENT PAD ELEVATION
- 30

PROPOSED 3' CONCRETE WATERWAY - SEE DETAIL ON SHEET C6
- 31

PROPOSED 4' SIDEWALK MATCH EXISTING
- 32

PROVIDE POWER AND CONTROLS WITH CONDUITS FROM MUFFIN MONSTER VAULT TO BUILDING - TIE IN TO CONTROL ROOM
- 33

EXISTING DRAINAGE SWALE TO REMAIN
- 34

1'-3' TALL ROCK OR COLORED DIAMOND BLOCK RETAINING WALL
- 35

EXISTING IRRIGATION VAULT - RAISE LID TO GRADE
- 36

PROPOSED 3" MINUS GRAVEL
- 37

6' MASONRY WALL - CHANGE TO 30" WALL WITHIN 25' SETBACK- SEE DETAIL ON SHEET C6
- 38

15" STORM DRAIN PIPE
- 39

RELOCATE EXISTING TELEPHONE BOX
- 40

ALTERNATE 1 - PAVING AREA INCLUDING 3" ASPHALT, 8" ROAD BASE, 24" OVER EX. AND RECOMPACT, STRIPING, AND 30" FLOW CURB. EXCLUDES CONCRETE WATERWAY.
- 41

ALTERNATE 2 - LANDSCAPING - (5) LARGE ROCKS WITH COLORED LANDSCAPE ROCK IN PLANTER AREA
- 42

ALTERNATE 3 - 20'X20' WOOD FRAMED SHED ON CONCRETE SLAB WITH OVERHEAD DOOR & SIDING

PROJECT LEGEND

- SS

EXISTING SANITARY SEWER
- W

EXISTING WATER LINE
- S

EXISTING SEWER MANHOLE
- ⊗

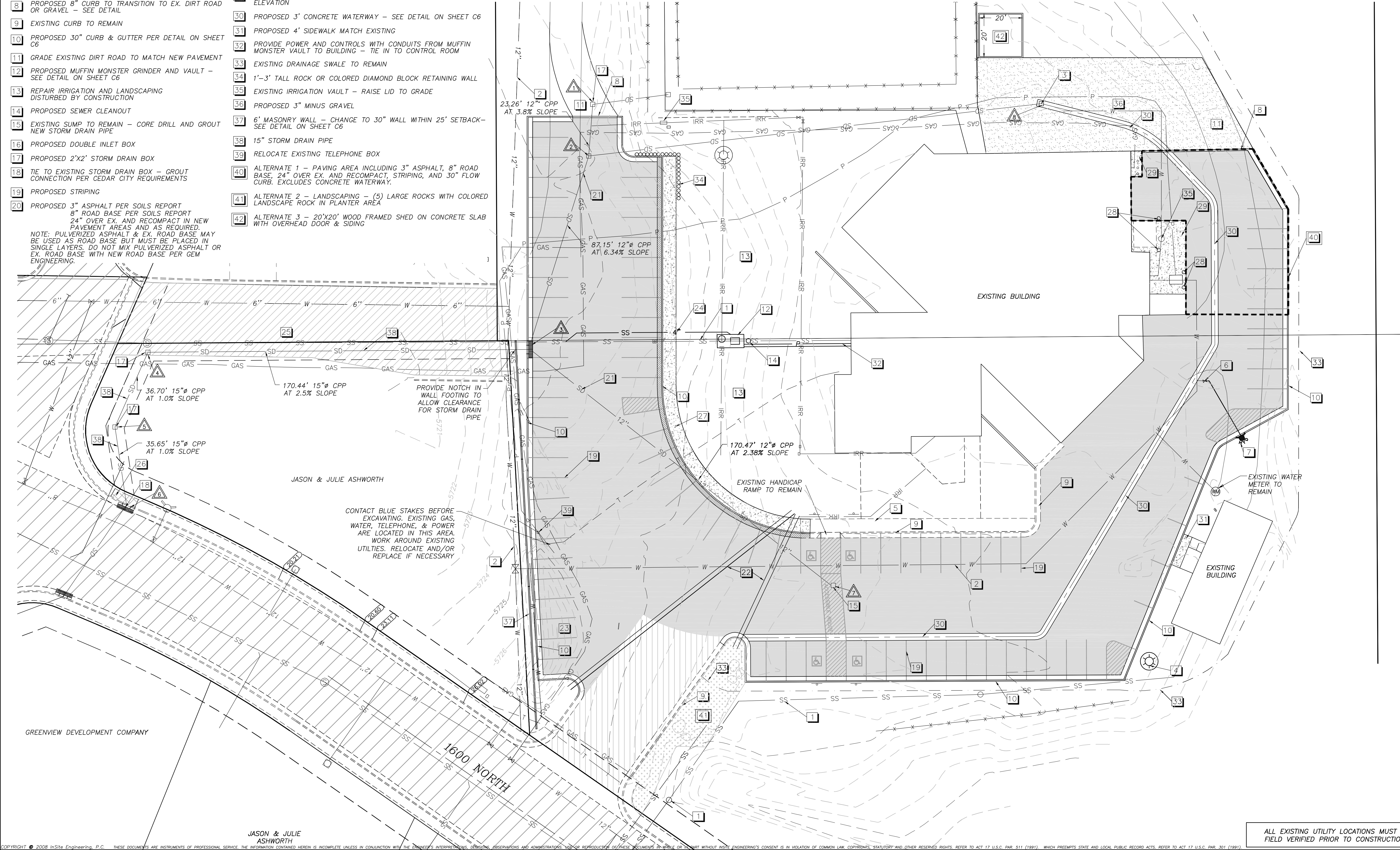
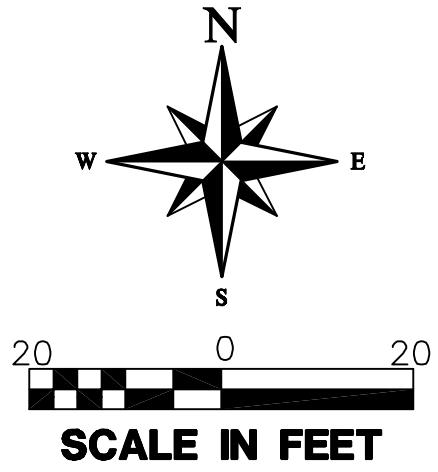
RELOCATED FIRE HYDRANT
- ⊗

EXISTING FIRE HYDRANT
- ⊗

EXISTING WATER VALVE
- ↕

SECTION CORNER AS DESCRIBED
- EXISTING ASPHALT TO REMAIN
- PROPOSED ASPHALT
- PROPOSED CONCRETE
- PROPOSED LANDSCAPING
- PROPOSED GRAVEL
- DENOTES SPILL CURB LOCATION

SD MANHOLE TABLE				
#	TYPE	RIM	INV	NOTES
1	2'X2' SD BOX	5728.00	5725.50	CONNECT EX. PIPE TO BOX
2	2'X2' SD BOX	5728.00	5724.60	
3	DOUBLE INLET BOX	5725.00	5719.07	
4	2'X2' SD BOX	5717.62	5714.81	
5	2'X2' SD BOX	5717.45	5714.45	
6	EXISTING INLET BOX	TBC	5714.09	EXISTING FL 18" PIPE 5713.59
7	EXISTING SUMP BOX	5717.06	5718.14	EXISTING FL
8	2'X2' SD BOX	5727.70	5723.14	REPLACE
9	2'X2' SD BOX	5735.39	5734.43	EXISTING BOX

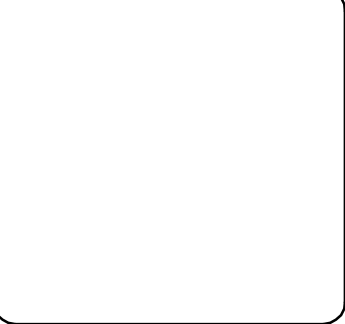


REVISIONS		DATE	BY
NO	DESCRIPTION		

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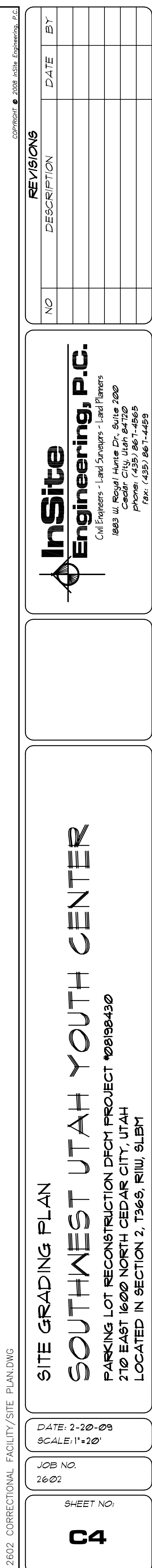


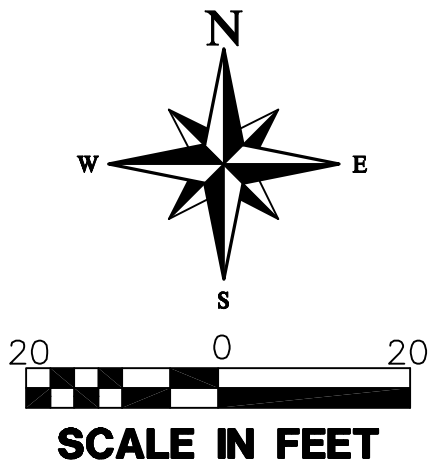
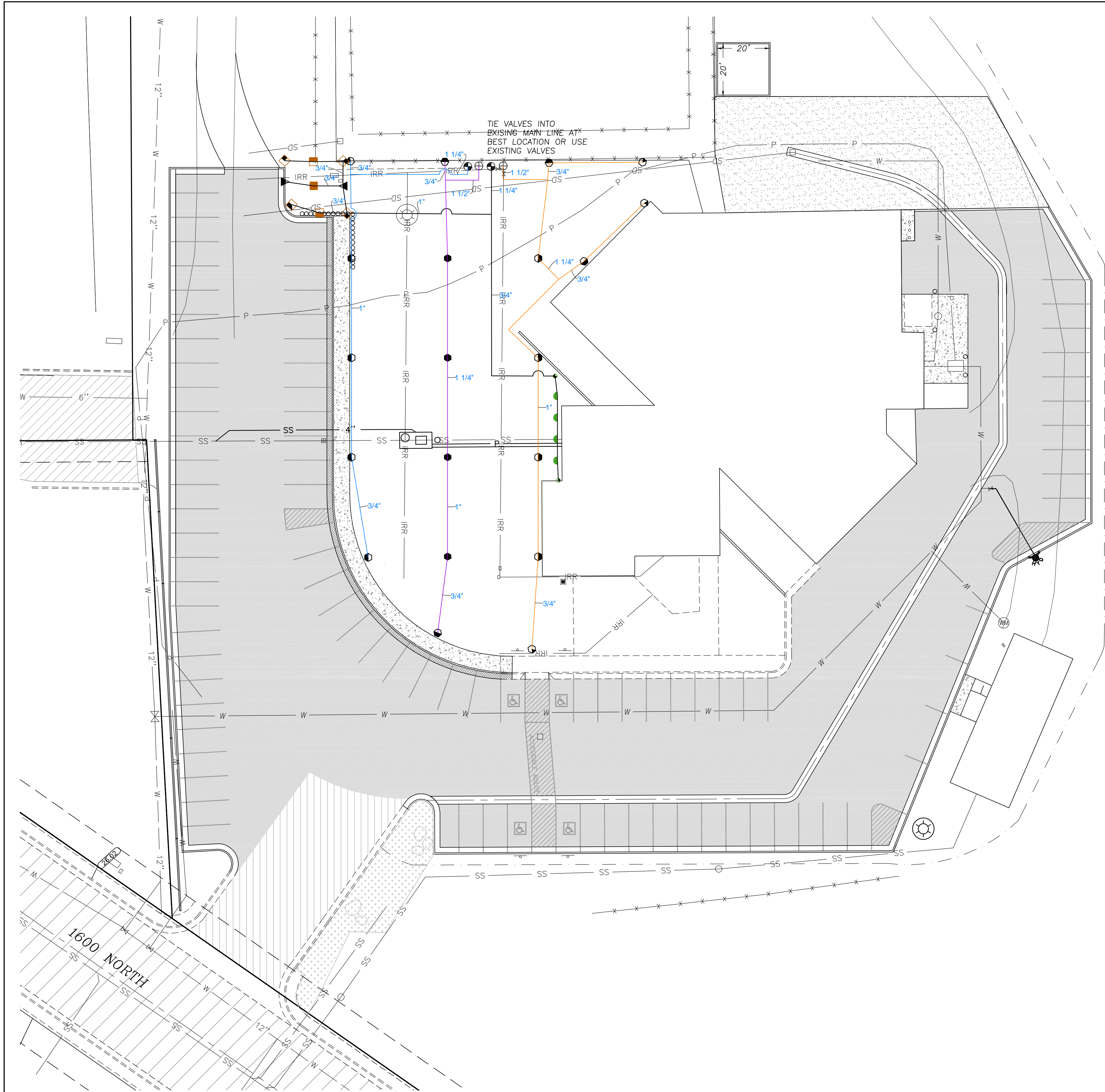
SITE UTILITY PLAN

SOUTHWEST UTAH YOUTH CENTER

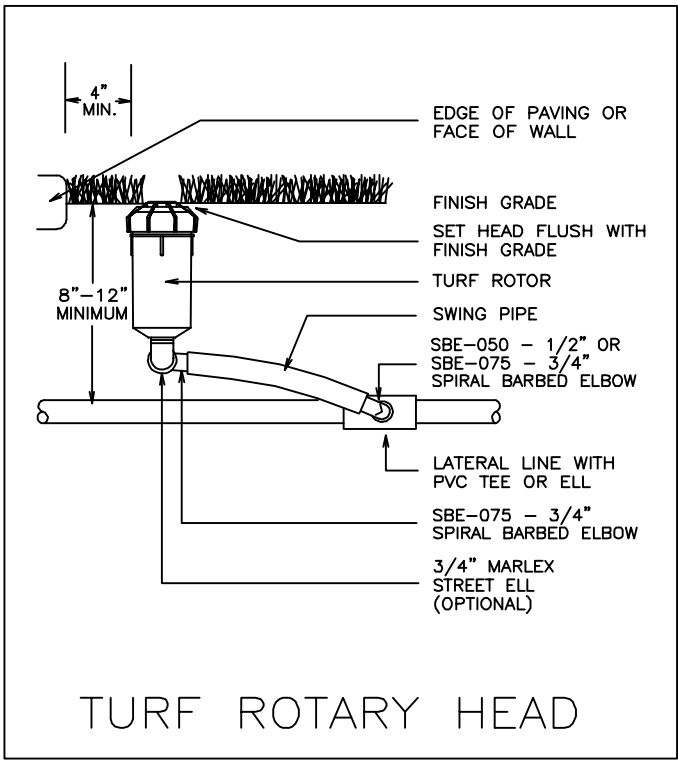
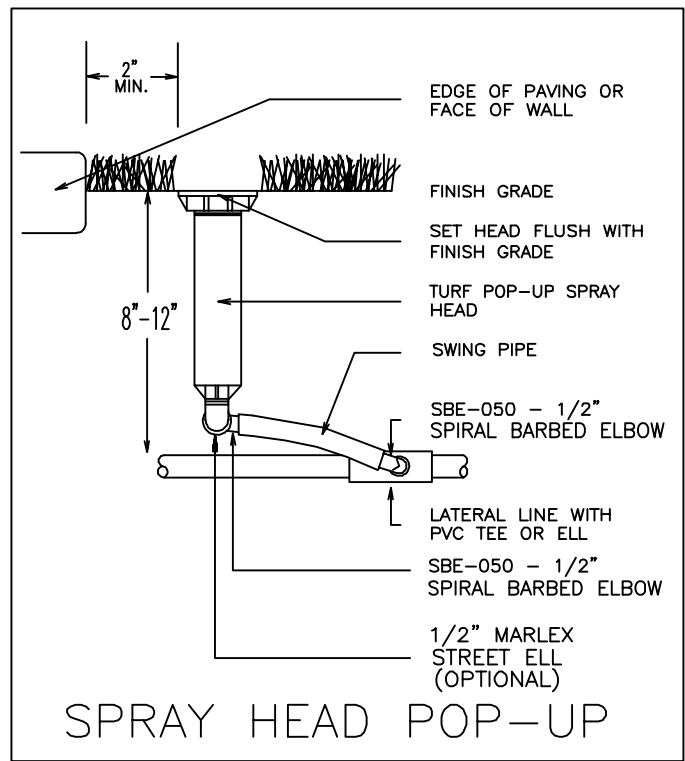
PARKING LOT RECONSTRUCTION FROM PROJECT #08198430
210 EAST 1600 NORTH CEDAR CITY, UTAH
LOCATED IN SECTION 2, T36S, R11W, S16M

DATE: 2-20-09
SCALE: 1"=10'
JOB NO. 2602
SHEET NO. C3





Symbol	Description
	Rain Bird 10H - 1804
	Rain Bird 12F - 1804
	Rain Bird 12H - 1804
	Rain Bird 12Q - 1804
	Rain Bird 12T - 1804
	Rain Bird 8H - 1804
	Rain Bird 8Q - 1804
	Rain Bird 8T - 1804
	Rain Bird 5000 Series 2.0 - 5004-PL-PC
	Rain Bird 5000 Series 3.0 - 5004-PL-PC
	Rain Bird 5000 Series 6.0 - 5004-PL-FC
	Rain Bird 100-GB
	Rain Bird 125-GB
	Lateral - Schedule 40 Size as Shown



2002 CORRECTIONAL FACILITY/SITE PLANNING

IRIGATION LAYOUT

SOUTHWEST UTAH YOUTH CENTER

PARKING LOT RECONSTRUCTION FROM PROJECT #08198430
210 EAST 1600 NORTH CEDAR CITY, UTAH
LOCATED IN SECTION 2, T36S, R11W, S1E1

DATE: 2-20-09
SCALE: 1"=10'

JOB NO.
2602

SHEET NO.
C5

REVISIONS

NO	DESCRIPTION	DATE	BY

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